

June 15, 2016

**RE: Old Redford Academy- Elementary
17226 Redford
Detroit, MI 48219
Date: May 11, 2016
AEC Project Number: 1485-16004**

To whom it may concern,

American Environmental Consultants (AEC), LLC conducted lead in water sampling at Old Redford Academy-Elementary, located at 17226 Redford in Detroit, Michigan. The sampling was conducted in response to a memorandum put forth by the Detroit Health Department. The sampling was conducted on May 11, 2016, by AEC representative, Matt Rodgers.

Observations

AEC observed the areas to be sampled and no obvious lead components were observed in the portions of the water system viewed. AEC attempted to collect samples from randomly targeted locations including but not limited to water main, kitchen faucets, drinking fountains, bathroom faucets, slop sinks and classroom faucets. All samples were collected as a first draw following a rest period of a minimum of 6 hours.

Methodology

The samples were collected utilizing the protocols described in the EPA lead and copper testing guidelines and the 3 T's for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance. The samples were submitted to National Testing Laboratories, Ltd., located at 556 South Mansfield, in Ypsilanti, MI 48197-5166. The phone number to National Testing Laboratories is (440) 449-2525. The samples were analyzed by the EPA Method 200.8. A standard turnaround time was indicated on the chain of custody. A 250 milliliter sample was collected at each point.

Results

The following table summarizes the results from the sampling. The certificates of analysis and chain of custody are attached for further reference.

Number	ID Code	Description	Result	EPA Action Level
1-KF-CW-P	189290	Kitchen Sink	0.002 mg/L	0.015 mg/L
2-Café-DF-P	189291	Drinking Fountain-Cafeteria	ND	0.015 mg/L
3-BRF-CW-P	189292	Boys Restroom- Blue Hall	ND	0.015 mg/L
4-HALL-DF-P	189293	Drinking Fountain- Blue Hall	ND	0.015 mg/L
5-142F-CW-P	189294	Room 142- Sink	ND	0.015 mg/L

All samples collected were found to be below the EPA Action level.

Conclusion

The samples were below the EPA Action Level. No additional action is necessary.

Limitations


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Subject to the above terms and conditions, AEC accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages. Although AEC believes that the results contained herein are reliable, AEC cannot warrant or guarantee that the information provided is exhaustive or that the information provided by Client or third parties is complete or accurate.

AEC appreciates the opportunity to be of service to your organization and looks forward to working with you on future projects. If you have any questions regarding this report please feel free to contact us at our office at 313-491-2600.

Sincerely,

American Environmental Consultants, LLC

A handwritten signature in blue ink, appearing to read 'Jef Fox', with a stylized, looping flourish at the end.

Jef Fox
Project Manager

National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 354910****5/20/2016****Customer:** American Environmental Consultants
Jeff Fox
12838 Gavel Street
Detroit, MI 48227**Source:** Old Redford Academy, 1-KF-CW-P/189290
Source City: Detroit
Source State: MI**Date/Time Received:** 5/13/2016 10:15**Collected by:** M. Rodgers

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

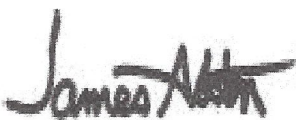
Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	0.002	1	5/11/2016 07:02		5/19/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 354911****5/20/2016****Customer:** American Environmental Consultants
Jeff Fox
12838 Gavel Street
Detroit, MI 48227**Source:** Old Redford Academy, 2-Cafe-DF-P/189291
Source City: Detroit
Source State: MI**Date/Time Received:** 5/13/2016 10:15**Collected by:** M. Rodgers

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

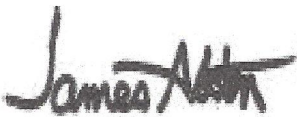
Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	5/11/2016 07:03		5/19/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



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National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 354912****5/20/2016****Customer:** American Environmental Consultants
Jeff Fox
12838 Gavel Street
Detroit, MI 48227**Source:** Old Redford Academy, 3-BRF-CW-P/189292
Source City: Detroit
Source State: MI**Date/Time Received:** 5/13/2016 10:15**Collected by:** M. Rodgers

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	5/11/2016 07:04		5/19/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



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National Testing Laboratories, Ltd556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585**ANALYTICAL REPORTS****SAMPLE CODE: 354913****5/20/2016****Customer:** American Environmental Consultants
Jeff Fox
12838 Gavel Street
Detroit, MI 48227**Source:** Old Redford Academy, 4-Hall-DF-P/189293
Source City: Detroit
Source State: MI**Date/Time Received:** 5/13/2016 10:15**Collected by:** M. Rodgers

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

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"ND" This contaminant was not detected at or above our lower reporting limit (LRL)**"NA"** Not Analyzed**"Standard"** This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.**"LRL"** This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.**"DF"** This column indicates the contaminant dilution factor.**Report Notes:**

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	5/11/2016 07:07		5/19/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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National Testing Laboratories, Ltd
556 South Mansfield, Ypsilanti, MI, 48197-5166
(440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS**SAMPLE CODE: 354914****5/20/2016**

Customer: American Environmental Consultants
Jeff Fox
12838 Gavel Street
Detroit, MI 48227

Source: Old Redford Academy, 5-142F-CW-P/189294
Source City: Detroit
Source State: MI

Date/Time Received: 5/13/2016 10:15**Collected by:** M. Rodgers

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND" This contaminant was not detected at or above our lower reporting limit (LRL)

"NA" Not Analyzed

"Standard" This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA Secondary Standards.

"LRL" This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF" This column indicates the contaminant dilution factor.

Report Notes:

Fed Id #	Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
Inorganic Analytes - Metals										
1030	Lead	200.8	0.015	mg/L	0.001	ND	1	5/11/2016 07:10		5/19/2016

These test results may be used for compliance purpose as required.

Analyst	Tests
EC	200.8



James Abston, Operations Manager

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